

Title (en)

MEMBRANES WITH IMMOBILIZED MICROORGANISMS THEREON AND/OR THEREIN, PROCESS FOR OBTAINING SUCH MEMBRANES, REACTOR COMPRISING SAID MEMBRANES AND PROCESS INVOLVING THE USE OF SAID MEMBRANES, IN PARTICULAR FOR THE ELIMINATION OF METALS OR THE DEGRADATION OF XENOBIOTIC ORGANIC COMPOUNDS

Title (de)

Membranen mit immobilisierten Mikroorganismen darauf oder darin, Verfahren zur Herstellung solcher Membranen , Reaktor mit solchen Membranen und Verfahren unter Verwendung dieser Membranen, insbesondere zur Entfernung von Metallen oder zur Absetzung von organischen, xenobiotischen Verbindungen

Title (fr)

MEMBRANES SUR LESQUELLES ET/OU DANS LESQUELLES SONT IMMOBILISES DES MICROORGANISMES, LEUR PROCEDE DE PRODUCTION, REACTEUR LES COMPORTANT, ET PROCEDE CONSISTANT A LES UTILISER, NOTAMMENT POUR L'ELIMINATION DE METAUX OU LA DEGRADATION DE COMPOSES ORGANIQUES XENOBIOTIQUES

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Abstract (en)

[origin: WO9218609A1] The invention relates to membranes with immobilized microorganisms thereon and/or therein wherein the microorganisms are alive or in a viable form, and the membranes are of porous material such that the microorganisms, particularly bacteria, can settle in the pores, and such that the release of the microorganisms is not significant. The invention also relates to new reactors, enabling to eliminate metals and/or to degrade xenobiotic organic compounds in an effluent containing them or the synthesise compounds.

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IPC 8 full level

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